SAB Consult and Breakout Group Charges

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SAB Consult

Charge Questions

- Soundness of organizing principles?
- Addresses major issues of concern?
- Captures key scientific uncertainties?
- Suggest priorities?
- Additional issues?
- Feasibility of proposed process?

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Key Points (unofficial)

- Generally a well constructed document
- Sound strategy and a good starting point for the program
- Reasonable proof-of-concept beginning
- Must engage policy arms of Agency in moving forward
- Next steps must be more clearly defined

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SAB Comments (unofficial)

- Suggested priorities
  - Metabonomics
  - Mixtures
- Acknowledge
  - Validation need for QSARs, *et al.*
  - Different states of maturity of technologies
  - Need for strong LIMs
  - Need for translational research

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SAB Comments (unofficial)

- Consider
  - Incorporating exposure models into the framework
  - Proof of concept for a risk assessment application
  - Defining what constitutes an adverse effect
  - Participation in CEBs
  - Holding additional workshops with stakeholders
- Cross reference
  - Children's health
  - Molecular epidemiology
  - Harmonization of cancer/non-cancer
  - Integrated Eco/Human health assessment

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The Future

Planning

- Incorporate inputs from the Consult and the Workshop
- Produce and distribute a Workshop Summary
- Coordinate with the EPA Genomics Task Force
- Implementation Team to begin identifying specific areas for program development
- Additional, targeted workshops
- Maintain the website

Budget

- FY04 request includes realigned and redirected base resources from FY02/03 and additional resources to extend proof-of-concept to other chemicals
- FY05 request to expand approach to pesticidal inerts and to non-pesticidal anti-microbials
- Complement intramural activities with STAR program, including potential Center for Bioinformatics

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Breakout Groups

- Two pairs
  - Breakouts 1 & 2 approach from viewpoint of regulatory needs
  - Breakouts 3 & 4 approach from viewpoint of core research questions
- Brainstorming for ideas
- Large groups, be considerate
- Return with a few potential opportunities for investment of resources

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Breakout Rooms

Group	Facilitators	Rapporteur	Room
1	Gary Ankley Greg Toth	Tim Collette	C113
2	Karen Hammerstrom Jack Fowle	Pat Schmieder	C114
3	Hugh Tilson Eric Weber	Doug Young	B101
4	Elaine Francis Doug Wolf	Jeff Swartout	B201

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Computational Toxicology

Prediction
Prioritization
Quantitative Risk Assessment